

Sub A1

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What Is Claimed Is:

1. An insulation material comprising:
 - a first layer of material of somewhat uniform thickness;
 - a second layer of material of somewhat uniform thickness for positioning over said first fabric;
 - and
 - means for affixing said first layer and said second layer together whilst securing the inserts therebetween.
- 10 2. The insulation material in accordance with claim 1 wherein said means for affixing includes thermo bonding, thermo setting, gluing, stitching or needling.
- 15 3. The insulation material in accordance with claim 2 wherein said inserts are taken from the group consisting essentially of: strips of material which is fibrous or non-fibrous, rope, flexible thin wall tubing, foam material, fiberglass, fibrous sliver/tow or material formed into a helix.
- 20 4. The insulation material in accordance with claim 1 wherein said inserts are taken from the group consisting essentially of: strips of material which are fibrous or non-fibrous, rope, flexible thin wall tubing, foam material, fiberglass, fibrous sliver/tow or material formed into a helix.
- 25 5. The insulation material in accordance with claim 1 which includes two layers of inserts.
6. The insulation material in accordance with claim 5 wherein at least some of inserts of one layer are at an angle to inserts in a second layer.

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7. The insulation material in accordance with claim 6 wherein the angle is 90°.
8. The insulation material in accordance with claim 5 which includes at least one intermediate layer of material of somewhat uniform thickness disposed between the two layers of inserts.
9. The insulation material in accordance with claim 6 which includes at least one intermediate layer of material of somewhat uniform thickness disposed between the two layers of inserts.
10. The insulation material in accordance with claim 5 which includes at least two intermediate layers of material of somewhat uniform thickness disposed between the two layers of inserts.
15. 11. The insulation material in accordance with claim 1, wherein said layers of material are non-woven and comprise: batt, air laid fibers, melt blown fibers, spun-bond fibers or hydro-entangled fibers.
20. 12. The insulation material in accordance with claim 8, wherein said layers of material are non-woven and comprise: batt, air laid fibers, melt blown fibers, spun-bond fibers or hydro-entangled fibers.
25. 13. The insulation material in accordance with claim 9, wherein said layers of material are non-woven and comprise: batt, air laid fibers, melt blown fibers, spun-bond fibers or hydro-entangled fibers.
30. 14. The insulation material in accordance with claim 10, wherein said layers of material are non-woven and comprise: batt, air laid fibers, melt blown fibers, spun-bond fibers or hydro-entangled fibers.